

**FEI | Faith Engineering, Inc.**

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June 27, 2001

Mr. Nolan Bennett  
Environmental Health Scientist  
Bernalillo County Environmental Health Department  
600 Second St. NW, Suite 500  
Albuquerque, NM 87102

Sent via e-mail: [nbennett@bernco.gov](mailto:nbennett@bernco.gov) and US Mail

RE: Transmittal of 2nd Quarterly Ground Water Sampling Results  
2700 Isleta SW, The Climate Roofing Site; NMED/USTB Facility ID No. 3245001/27427  
Contract Control No. 980473  
FEI Project No. 98-01-1187-05

Dear Nolan:

Please find included herewith the report for the second quarter of ground water sampling and analysis for the subject site. Ground water sampling was conducted on April 30, 2001.

This sampling event provides the sample results with field testing for 10 of the 14 ground water monitoring wells on site. During this quarter's sampling event, total Naphthalene and total Xylenes concentrations above the NMWQCC standard of 30 µg/l and 620 µg/l, respectively, were found in two monitoring wells, MW-11 and FTW-16. In addition, ethylbenzene was above the standard of 750 µg/l in MW-11. Benzene concentrations have been non-detectable in all of the sites monitoring well's since sampling was conducted for the initial site investigation in September 2000.

As you are aware, Faith Engineering, Inc. and their subcontractor Tecumseh Professional Associates (FEI/TPA) are preparing a work plan for remedial design at this site. Please do not hesitate to contact the undersigned if you have any questions or comments regarding this matter or the Sampling Report.

Respectfully submitted,

FAITH ENGINEERING, INC.

Stuart E. Faith, P.E., C.S. #080  
President

cc. w/ encls.      Mr. Tom Leck – NMED/USTB  
                          Mr. Bill Brown - TPA

FEI FILE NUMBER 99-01-1187-05

**SECOND QUARTERLY SAMPLING REPORT  
CLIMATE ROOFING SITE  
2700 ISLETA BLVD. SW  
ALBUQUERQUE, NEW MEXICO  
FACILITY #3245001/27427**

PREPARED BY:

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JUNE 27, 2001

PREPARED FOR:

**THE BERNALILLO COUNTY ENVIRONMENTAL HEALTH DEPARTMENT  
AND  
THE NEW MEXICO ENVIRONMENT DEPARTMENT  
UNDERGROUND STORAGE TANK BUREAU**

## **Table of Contents**

Form 1216 Cover Page .....	1
Statement of Familiarity .....	2
I. Introduction .....	3
A. Scope of work .....	3
B. This Quarter's Highlights .....	3
II. Activities Performed During This Quarter .....	3
A. Brief description of the remediation system and date installed.....	3
B. Description of activities performed .....	3
C. Monitoring activities performed.....	3
D. System performance and effectiveness .....	4
E. Statement verifying containment of release.....	4
III. Summary and Conclusions .....	5
A. Discussion of trends or changes.....	5
B. Ongoing assessment of remediation system .....	5
C. Recommendations .....	5

## **List of Figures**

Figure 1     Site Map and BTEX Concentration Levels

Figure 2     Ground Water Contour Map

## **List of Tables**

- Table 1 Current Ground Water Analysis Results
- Table 2 History of Ground Water Testing
- Table 3 Historic Ground Water Elevations
- Table 4 Summary of Tasks Performed in the Field

## **List of Appendices**

- Appendix 1 Sampling Protocol
- Appendix 2 Original Field Logs
- Appendix 3 Analytical Laboratory Reports

**COVER PAGE  
FORM 1216  
QUARTERLY MONITORING REPORT**

Please include the following information:

1. Site name: The Climate Roofing

2. Responsible party: Mr. Nolan Bennett

3. Responsible party mailing address (list contact person if different):

Bernalillo County Environmental Health Dept.

600 2<sup>nd</sup> Street NW, Suite 500

Albuquerque, NM 87102

4. Facility number: 3245001/27427

5. Address/legal description: 2700 Isleta Blvd. SW

Albuquerque, NM

6. Author/consulting company: Faith Engineering, Inc.

7. Date of report: 06/27/2001

8. Date of confirmation of release or date USTB was notified of the release:

February 9, 1990

**STATEMENT OF FAMILIARITY**

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

**Signature:** \_\_\_\_\_

**Name:** Stuart Faith

**Affiliation:** Faith Engineering, Inc.

**Title:** President

**Certified Scientist #:** 080

**Date:** \_\_\_\_\_

**I. INTRODUCTION:****I. A. Scope of Work**

Faith Engineering, Inc. (FEI), in collaboration with Tecumseh Professional Associates, Inc. (TPA), has been retained by the Bernalillo County Environmental Health Department to provide professional environmental services at the Climate Roofing site, 2700 Isleta SW, Albuquerque, New Mexico (the Site). The location of the Site is shown on Figure 1. This report documents the second quarter of ground water sampling conducted at the site on April 30, 2001. The period covered in this report is from December 2000 to April 2001.

**I. B. This quarter's highlights**

This sampling event represents the second quarter of ground water quality re-examination as outlined in the work plan approval letter dated March 7, 2000, as amended on May 2, 2000 and again on February 20, 2001. The sampling event provides the sample results with field testing for 10 of the 14 ground water monitoring wells on site. A supplemental Hydrogeologic Investigation (See "Climate Roofing Site Hydrogeologic Investigation" dated March 3, 2001) was also performed and reported during this quarter to better characterize the current subsurface hydrogeologic regime and the vertical and horizontal extent of soil and groundwater impacts at the Site since the hydrocarbon releases were discovered during removal of former underground storage tanks at the facility in 1990.

**II. ACTIVITIES PERFORMED DURING THIS QUARTER:****II. A. Brief description of the remediation system and date installed**

There is no remediation system installed at this Site.

**II. B. Description of activities performed to keep system operating properly**

Not Applicable, See II. A.

**II. C. Monitoring activities performed**

Ground water monitoring and sampling at the Site during this quarter took place on April 30, 2001. This quarter's sampling included the following:

- ground water elevation measurements in all wells.
- quarterly event ground water sampling of monitor wells MW-1, MW-3, MW-5, MW-9, MW-11, MW-12, FTW-13, FTW-14, FTW-15, and FTW-16.
- laboratory analysis of ground water samples for Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX), Methyl-t-Butyl Ether (MTBE), TMB, Ethylene Dibromide (EDB), Ethylene Dichloride (EDC), and Naphthalene by EPA Method 8260.

- field testing for natural attenuation indicators of ground water samples, including iron, phosphate, sulfide, nitrate, alkalinity, pH, dissolved oxygen, conductivity, and temperature.

The locations of all monitor wells are shown on Figure 1. Monitoring and sampling procedures are described in Appendix 1. Table 4 provides a historical summary of field activities at the site and Appendix 2 contains this quarter's original Field Activity Logs. The laboratory results of the ground water analyses for the current monitoring period are shown on Table 1. Historic sampling results are shown on Table 2. Laboratory reports and the Chain of Custody Form are provided in Appendix 3.

During this quarter's sampling event, total naphthalene concentrations above the NMWQCC standard of 30 µg/l were found in two monitoring wells, MW-11 and FTW-16. Benzene concentrations have been non-detectable in all of the sites monitoring well's since sampling was conducted for the initial site investigation in September 2000. Total Xylenes concentrations above the NMWQCC standard of 620 µg/l were detected in both monitoring wells MW-11 and FTW-16. All other monitoring wells were below total Xylenes concentration standards this quarter. Ethylbenzene concentrations were above the standard of 750 µg/l in MW-11. A total BTEX summary and contour map for the second quarter ground water analysis are shown on Figure 1. In an effort to more realistically characterize the analytical data generated from the quarterly sampling, FEI has adopted a reporting standard of multi-component compounds like total Xylenes (see Appendix 1).

Depth to ground water during this quarter's sampling event varied from 6.72 feet below ground surface (bgs) in MW-5 to 8.92 feet bgs in MW-2. All ground water elevation data including the historical data is summarized in Table 3. This quarter's measurements of on-site ground water elevations indicate a slightly defined directional flow in a southwesterly orientation. A water elevation summary and directional flow map for the second quarter ground water measurements are shown on Figure 2.

## **II. D. System performance and effectiveness**

Not Applicable, See II. A.

## **II. E. Statement verifying containment of release**

Based on ground water sample results from site perimeter monitor wells and the recently completed Hydrogeologic Investigation, containment of off-site ground water contaminants cannot be assured at the Climate Roofing Site under present conditions. Dissolved phase hydrocarbons in the ground water are within the highway easement to the west of the site. Please refer to Figure 1. There is no evidence to suggest other off-site, up-gradient sources of contaminant for the BTEX concentration levels in MW-11, FTW-15 and FTW-16.

**III. SUMMARY AND CONCLUSIONS:****III. A. Discussion of trends or changes noted in analytical results or site conditions**

Samples collected over the past ten years at the site have established that the area surrounding the former UST's has been cleaned up to below NMWQCC BTEX concentration standards (see Table 2). However, laboratory results obtained during this second quarter sampling event and the Hydrogeologic Investigation indicate that BTEX concentrations in the ground water are within the highway easement to the west and remain above the NMWQCC standards.

These results also indicate that the contaminant plume is an older, weathered one.

**III. B. Ongoing assessment of the remediation system**

Not Applicable, See II. A.

**III. C. Recommendations**

FEI recommends continuing site monitoring and sampling pursuant to the work plan approval letter dated March 7, 2000, as amended to change the report submission dates. A new work plan will be submitted shortly for conceptual remediation design at the site. The next quarterly sampling report will be submitted by October 15, 2001, pursuant to the report submission date extension approval granted by the NMED/USTB on February 20, 2001.

Climate Roofing Site  
2700 Isleta Blvd. SW  
Albuquerque, New Mexico

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Subject: Site Map and BTEX Concentration Levels

Drawn by: KGF/WJB Client: BCEHD

Date : June 2001 Figure: 1 Project: 99-01-1187

L E G E N D

● Existing Monitor Well Location

● Monitor Well Lost or Destroyed

◆ Utility Pole

▨ Building

— Gate in fence

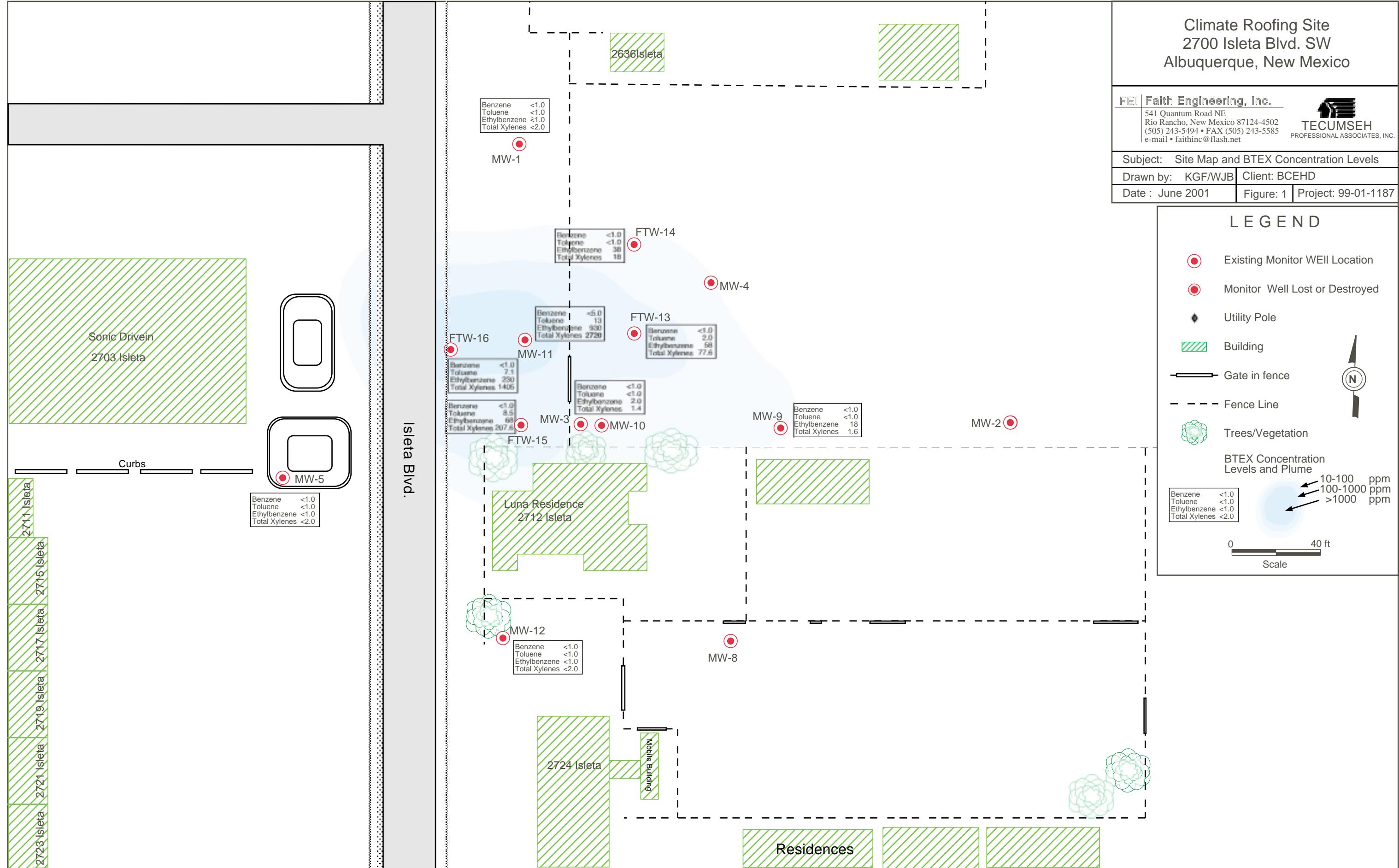
- - - Fence Line

🕒 Trees/Vegetation

BTEX Concentration Levels and Plume

Benzene <1.0	Toluene <1.0	Ethylbenzene <1.0	Total Xylenes <2.0
10-100 ppm	100-1000 ppm	>1000 ppm	

0 40 ft  
Scale



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Subject: Ground WaterContour Map

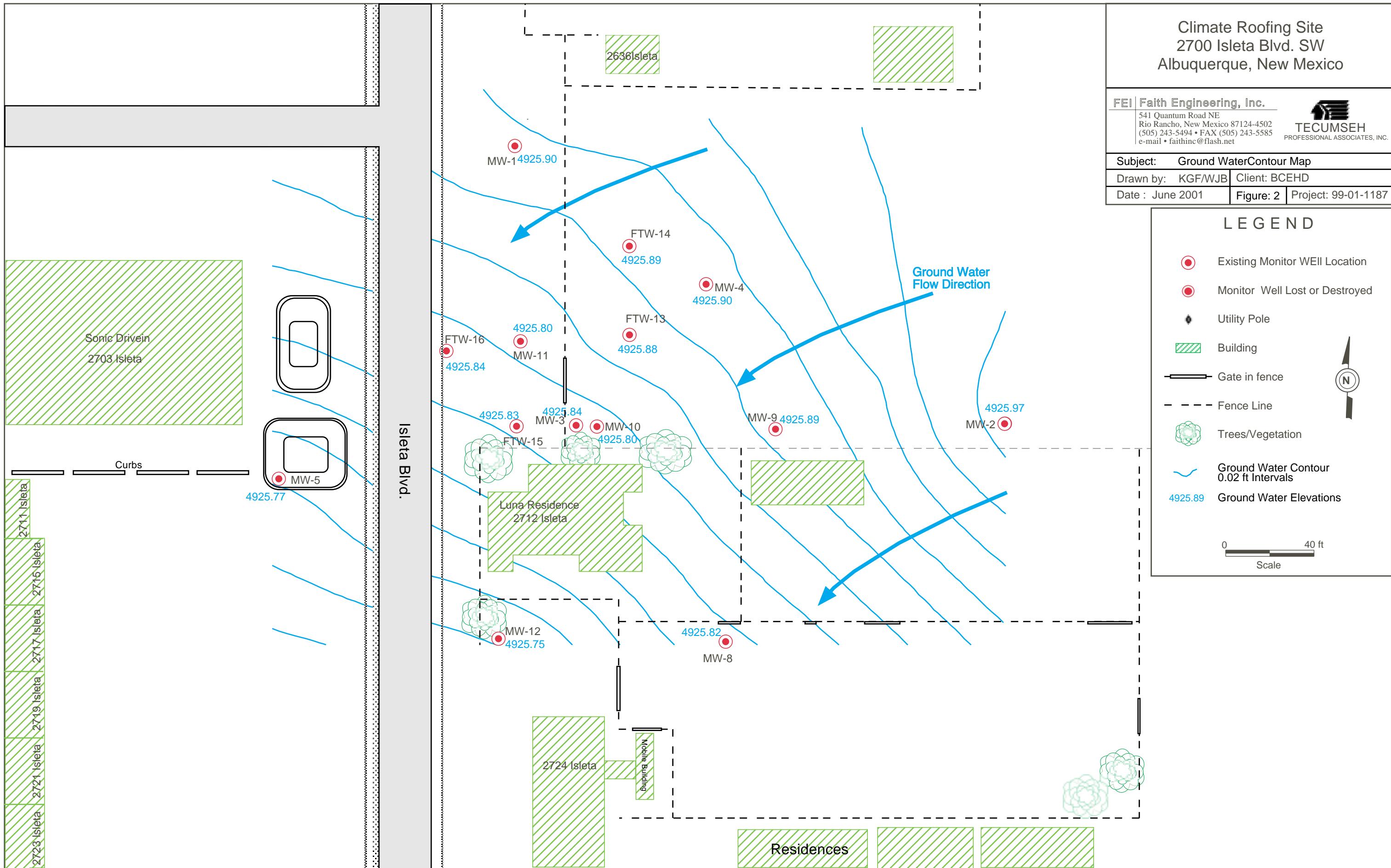
Drawn by: KGF/WJB Client: BCEHD

Date : June 2001 Figure: 2 Project: 99-01-1187

L E G E N D

- Existing Monitor WELL Location
- Monitor Well Lost or Destroyed
- ◆ Utility Pole
- Building
- Gate in fence
- - - Fence Line
- Trees/Vegetation
- Ground Water Contour 0.02 ft Intervals
- 4925.89 Ground Water Elevations

0 40 ft  
Scale



**TABLE 1**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**CURRENT GROUND WATER ANALYSIS RESULTS**

LOCATION	DATE SAMPLED	ORGANICS								INORGANICS					INDICATORS				
		Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY	TEMP
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C		
MW-1	4/30/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	0.8	1.0	0.6	500	2.0	1.0	7.06	1874	18.2
MW-3	4/30/01	< 1.0	< 1.0	2.0	1.4	< 1.0	< 1.0	< 1.0	102	< 1.0	0.6	0.4	0.0	350	2.0	1.0	7.07	830	17.3
MW-5	4/30/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	0.8	2.0	10.0	350	2.0	1.0	6.92	1576	19.3
MW-9	4/30/01	< 1.0	< 1.0	18	1.6	< 1.0	< 1.0	< 1.0	9.2	4.6	0.4	0.0	5.0	250	5.0	1.5	7.02	743	18.5
MW-11	4/30/01	< 5.0	13	930	2720	< 5.0	< 5.0	< 5.0	960	280	0.3	2.0	1.0	500	2.0	1.0	7.33	860	17.2
MW-12	4/30/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	0.8	2.0	10.0	200	2.0	1.0	6.95	841	18.7
FTW-13	4/30/01	< 1.0	2.0	58	77.6	< 1.0	< 1.0	< 1.0	138	13	1.0	2.0	10.0	350	2.0	1.0	7.06	1239	18.7
FTW-14	4/30/01	< 1.0	< 1.0	38	18	< 1.0	< 1.0	< 1.0	11.7	2.3	2.0	5.0	0.0	495	2.0	1.5	6.47	1787	17.8
FTW-15	4/30/01	< 1.0	8.5	68	207.6	< 1.0	< 1.0	< 1.0	106	28	1.0	5.0	8.0	400	2.0	1.0	7.06	1049	17.0
FTW-16	4/30/01	< 1.0	7.1	230	1405.5	< 1.0	< 1.0	< 1.0	430	190	1.0	3.0	8.0	500	3.0	1.0	7.15	1684	18.7
TRIP BLANK	4/26/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0									

Data checked \_\_\_\_\_ / \_\_\_\_\_

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS							INORGANICS					INDICATORS				
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C
MW - 1	12/18/90	nd	nd	*	0.5	nd	*	*	*	*	*	*	*	*	*	*	*	*
	5/30/91	nd	0.5	nd	nd	nd	*	*	*	*	*	*	*	*	*	*	*	*
	4/29/92	nd	nd	nd	nd	15	*	*	*	*	*	*	*	*	*	*	*	*
	5/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.60	*	*	*
	8/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.80	*	*	*
	11/15/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	1.20	*	*	*
	3/2/94	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*
	3/30/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	12/19/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	4/17/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	6/28/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/00	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	0.1	0.2	2.0	0.0	350	1.5	*
	4/30/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	0.8	1.0	0.6	500	2.0	*	1.0

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS							INORGANICS					INDICATORS				
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C
MW - 2	12/18/90	0.4	0.4	nd	0.6	nd	*	*	*	*	*	*	*	*	*	*	*	*
	5/30/91	nd	0.4	nd	nd	nd	90.90	NA	*	*	*	*	*	*	*	*	*	*
	4/29/92	nd	nd	nd	nd	20	91.01	NA	*	*	*	*	*	*	*	*	*	*
	5/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	90.83	0.60	*	*	*	*	*	*	0.60	*	*	*
	8/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	90.38	0.40	*	*	*	*	*	*	0.40	*	*	*
	11/15/93	<0.5	<0.5	<0.5	<0.5	<2.5	90.82	1.10	*	*	*	*	*	*	1.10	*	*	*
	3/2/94	<0.5	<0.5	<0.5	<0.5	<2.5	90.35	N/A	*	*	*	*	*	*	*	*	*	*
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	90.83	N/A	*	*	*	*	*	*	*	*	*	*
	3/30/95	<0.5	<0.5	<0.5	<0.5	<2.5	90.61	N/A	*	*	*	*	*	*	*	*	*	*
	12/19/96	<0.5	<0.5	<0.5	<0.5	<2.5	90.79	N/A	*	*	*	*	*	*	*	*	*	*
	04/46/96	<0.5	<0.5	<0.5	<0.5	<2.5	90.8	N/A	*	*	*	*	*	*	*	*	*	*
	6/28/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/00	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	0.0	0.0	0.0	125	2.0	*	0.1	6.71

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS							INORGANICS					INDICATORS						
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY	TEMP	
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C		
MW - 3	12/18/90	9800	2000	520	5400	nd	*	*	*	*	*	*	*	*	*	*	*	*		
	5/30/91	6300	4600	1100	3800	39	*	*	*	*	*	*	*	*	*	*	*	*		
	4/29/92	4300	2300	nd	5700	nd	*	*	*	*	*	*	*	*	*	*	*	*		
	5/25/93	350	22	120	930	29	*	*	*	*	*	*	*	*	2.65	*	*	*		
	8/25/93	76	1	42	3.8	<2.5	*	*	*	*	*	*	*	*	0.12	*	*	*		
	11/15/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.60	*	*	*		
	3/2/94	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*		
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*		
	8/26/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*		
	12/8/94	0.5	1.2	54	190	<2.5	*	*	*	*	*	*	*	*	*	*	*	*		
	3/30/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*		
	6/20/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*		
	9/20/95	1.5	1.6	98	40	6.6	*	*	*	*	*	*	*	*	*	*	*	*		
	12/19/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*		
	4/17/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*		
	6/28/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*		
	11/7/96	<0.5	<0.5	2.3	2.1	<2.5	*	*	*	*	*	*	*	*	*	*	*	*		
	1/22/98	<0.5	4.3	5.2	74	8.4	*	*	*	*	*	*	*	*	*	*	*	*		
	4/17/98	<0.5	1.4	9.6	4.2	7.6	*	*	*	*	*	*	*	*	*	*	*	*		
	9/3/98	1.9	<0.5	4	1.2	<2.5	*	*	*	*	*	*	*	*	*	*	*	*		
	12/29/98	7.1	3.5	71	74	6.5	*	*	*	*	*	*	*	*	*	*	*	*		
	9/12/00	< 1.0	< 1.0	< 1.0	<2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	0.4	0.4	7.0	0.0	300	0.0	*	0.3	6.81	
	4/30/01	< 1.0	< 1.0	2.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0	102	< 1.0	*	0.6	0.4	0.0	350	2.0	*	1.0	7.07
																		22.9		
																		17.3		

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS							INORGANICS					INDICATORS				
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C
		10	750	750	620	100	0.1	10		30	SOLUBLE	TOTAL	FIELD	METER				
MW-4	12/18/90	470	7700	1500	6300	19	*	*	*	*	*	*	*	*	*	*	*	*
	5/30/91	nd	14	420	810	21	*	*	*	*	*	*	*	*	*	*	*	*
	5/30/91	410	1300	1600	2300	73	*	*	*	*	*	*	*	*	*	*	*	*
	6/13/91	6	55	340	730	95	*	*	*	*	*	*	*	*	*	*	*	*
	4/29/92	0.7	0.7	14	12	2.3	*	*	*	*	*	*	*	*	*	*	*	*
	1/25/93	<0.5	<0.5	4.5	3.8	<2.5	*	*	*	*	*	*	*	*	0.15	*	*	*
	2/8/93	<0.5	<0.5	6.7	5.5	<2.5	*	*	*	*	*	*	*	*	0.40	*	*	*
	2/23/93	<2.5	<2.5	4.5	3.9	<12	*	*	*	*	*	*	*	*	0.40	*	*	*
	3/10/93	<0.5	<0.5	4.4	4.3	<2.5	*	*	*	*	*	*	*	*	NA	*	*	*
	5/25/93	<0.5	<0.5	2.1	2.3	<2.5	*	*	*	*	*	*	*	*	0.20	*	*	*
	8/25/93	<0.5	<0.5	0.5	0.9	<2.5	*	*	*	*	*	*	*	*	2.40	*	*	*
	11/15/93	<0.5	<0.5	<0.5	0.6	<2.5	*	*	*	*	*	*	*	*	1.00	*	*	*
	3/2/94	<0.5	<0.5	0.6	0.9	4.9	*	*	*	*	*	*	*	*	*	*	*	*
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*
	3/30/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	6/20/95	<0.5	0.6	0.8	1.2	*	*	*	*	*	*	*	*	*	*	*	*	*
	9/20/95	<0.5	<0.5	0.5	0.8	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	12/19/96	1.8	0.5	0.6	0.8	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	4/17/96	<0.5	0.5	0.6	0.6	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	6/28/96	<0.5	0.5	0.6	0.9	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/00	< 1.0	< 1.0	< 1.0	<2.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	< 1.0	0.2	0.3	2.0	0.0	300	0.5	*
																7.14	1167	20

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS							INORGANICS						INDICATORS				
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY	TEMP
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C	
		10	750	750	620	100	0.1	10		30	SOLUBLE	TOTAL	FIELD	METER					
MW - 5	4/29/92	nd	nd	nd	nd	nd	*	*	*	*	*	*	*	*	*	*	*	*	
	5/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.40	*	*	*	
	8/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.40	*	*	*	
	11/15/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.25	*	*	*	
	3/2/94	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*	
	3/30/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	12/19/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	4/17/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	6/28/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	9/12/00	< 1.0	< 1.0	< 1.0	<2.0	< 1.0	< 1.0	< 1.0	<2.0	< 1.0	0.1	0.3	3.0	0.0	400	1.0	*	1.0	6.78
	4/30/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	0.8	2.0	10.0	350	2.0	*	1.0	6.92

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS							INORGANICS					INDICATORS				
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C
MW - 6	12/18/90	0.5	0.9	nd	1.6	nd	*	*	*	*	*	*	*	*	*	*	*	*
	5/30/91	nd	nd	nd	nd	nd	*	*	*	*	*	*	*	*	*	*	*	*
	4/29/92	nd	2.1	nd	nd	1.8	*	*	*	*	*	*	*	*	*	*	*	*
	1/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	1.10	*	*	*
	2/8/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	1.50	*	*	*
	2/23/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	1.50	*	*	*
	3/10/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	NA	*	*	*
	5/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	1.50	*	*	*
	11/15/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	1.10	*	*	*
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*
	3/30/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	12/19/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	4/17/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	6/28/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS								INORGANICS						INDICATORS		
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C
		10	750	750	620	100	0.1	10		30	SOLUBLE	TOTAL	FIELD	METER				
MW - 7	4/29/92	250	2000	730	1500	nd	*	*	*	*	*	*	*	*	*	*	*	*
	1/25/93	110	470	250	560	<120	*	*	*	*	*	*	*	*	0.25	*	*	*
	2/8/93	380	1700	810	2400	<120	*	*	*	*	*	*	*	*	0.30	*	*	*
	2/23/93	310	1300	620	1900	<120	*	*	*	*	*	*	*	*	0.20	*	*	*
	3/10/93	540	2500	1200	3600	<120	*	*	*	*	*	*	*	*	NA	*	*	*
	5/25/93	60	84	260	670	27	*	*	*	*	*	*	*	*	0.20	*	*	*
	8/25/93	<1.0	6.4	160	78	<5.0	*	*	*	*	*	*	*	*	0.30	*	*	*
	11/15/93	<0.5	<0.5	110	64	<25.0	*	*	*	*	*	*	*	*	0.10	*	*	*
	5/5/94	7.4	5.3	240 D	160	<1.0	*	*	*	*	*	*	*	*	*	*	*	*
	8/26/94	9.4	4.7	280	101	<13	*	*	*	*	*	*	*	*	*	*	*	*
	12/8/94	<25	<25	240	95	<125	*	*	*	*	*	*	*	*	*	*	*	*
	3/30/95	<2.5	25	160	120	<13	*	*	*	*	*	*	*	*	*	*	*	*
	6/20/95	6.6	42	180	170	*	*	*	*	*	*	*	*	*	*	*	*	*
	9/20/95	13	34	220	420	64	*	*	*	*	*	*	*	*	*	*	*	*
	12/19/95	3.8	19	120	220	17	*	*	*	*	*	*	*	*	*	*	*	*
	4/17/96	5.9	52	160	470	<25	*	*	*	*	*	*	*	*	*	*	*	*
	6/28/96	5.9	50	180	360	25	*	*	*	*	*	*	*	*	*	*	*	*

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS							INORGANICS					INDICATORS				
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C
MW - 8	12/18/90	1	4.8	1.3	3.9	nd	*	*	*	*	*	*	*	*	*	*	*	*
	5/30/91	nd	nd	nd	0.5	nd	*	*	*	*	*	*	*	*	*	*	*	*
	4/29/92	nd	nd	nd	nd	nd	*	*	*	*	*	*	*	*	*	*	*	*
	5/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.50	*	*	*
	8/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.50	*	*	*
	11/15/93	2.9	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	NA	*	*	*
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*
	9/20/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	12/19/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	4/46/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	6/28/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/00	< 1.0	< 1.0	< 1.0	<2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.0	0.1	1.0	0.0	225	0.5	0.24	2.0

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS								INORGANICS						INDICATORS			
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY	TEMP
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C	
		10	750	750	620	100	0.1	10	30	SOLUBLE	TOTAL	FIELD	METER						
MW - 9	2/8/93	<5.0	500	570	1600	<25	*	*	*	*	*	*	*	*	0.20	*	*	*	
	2/23/93	3.3	510	510	1400	18	*	*	*	*	*	*	*	*	NA	*	*	*	
	3/10/93	12	910	700	2300	<62	*	*	*	*	*	*	*	*	0.40	*	*	*	
	5/25/93	<0.5	<0.5	<0.5	0.8	7.3	*	*	*	*	*	*	*	*	0.50	*	*	*	
	8/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	1.40	*	*	*	
	11/15/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	3/2/94	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*	
	3/30/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	6/20/95	<0.5	<0.5	<0.5	<0.5	*	*	*	*	*	*	*	*	*	*	*	*	*	
	9/20/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	12/19/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	4/17/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	6/28/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	1/22/98	<0.5	0.6	2.5	3.3	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	4/17/98	<0.5	0.7	1.3	1.2	3.4	*	*	*	*	*	*	*	*	*	*	*	*	
	9/3/98	1	<0.5	82	<0.5	5.5	*	*	*	*	*	*	*	*	*	*	*	*	
	12/29/98	<0.5	0.8	2	2.1	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	9/12/00	< 1.0	< 1.0	15	<2.1	< 1.0	< 1.0	< 1.0	< 1.0	<6.6	2.7	0.1	0.1	2.0	0.0	132	1.0	*	0.4
	4/30/01	< 1.0	< 1.0	18	1.6	< 1.0	< 1.0	< 1.0	< 1.0	9.2	4.6	*	0.4	0.0	5.0	250	5.0	*	1.5

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS							INORGANICS					INDICATORS				
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C
MW - 10	4/29/92	1.5	2.4	0.7	2.4	nd	*	*	*	*	*	*	*	*	*	*	*	*
	5/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.30	*	*	*
	8/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.49	*	*	*
	11/15/93	<5.0	18	67	740	<25	*	*	*	*	*	*	*	*	1.30	*	*	*
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*
	3/30/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	12/19/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	4/17/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	6/28/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*
	9/12/00	< 1.0	< 1.0	< 1.0	<2.0	< 1.0	< 1.0	< 1.0	< 1.0	<2.0	< 1.0	0.0	0.2	14.0	0.0	300	0.5	*

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS							INORGANICS						INDICATORS				
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY	TEMP
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C	
		10	750	750	620	100	0.1	10		30	SOLUBLE	TOTAL	FIELD	METER					
MW - 11	8/25/93	<10	96	950	2600	<50	*	*	*	*	*	*	*	*	0.42	*	*	*	
	11/15/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.90	*	*	*	
	3/2/94	<1.0	<1.0	48	74	44	*	*	*	*	*	*	*	*	*	*	*	*	
	5/5/94	<0.5	7.4	42	180	<1.0	*	*	*	*	*	*	*	*	*	*	*	*	
	8/26/94	<13	23	230	750	<63	*	*	*	*	*	*	*	*	*	*	*	*	
	12/8/94	<50	<50	150	790	<250	*	*	*	*	*	*	*	*	*	*	*	*	
	3/30/95	<2.5	22	150	720	<13	*	*	*	*	*	*	*	*	*	*	*	*	
	6/20/95	<5.0	20	150	540	*	*	*	*	*	*	*	*	*	*	*	*	*	
	9/20/95	<5.0	64	250	1900	31	*	*	*	*	*	*	*	*	*	*	*	*	
	12/19/95	<5	20	130	650	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	4/17/96	<5.0	23	260	1100	<25	*	*	*	*	*	*	*	*	*	*	*	*	
	6/28/96	<0.5	23	160	810	8.2	*	*	*	*	*	*	*	*	*	*	*	*	
	11/7/96	<2.5	26	300	1100	<13	*	*	*	*	*	*	*	*	*	*	*	*	
	1/22/98	<0.5	0.5	3.9	7.7	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	4/17/98	<10	10	590	1600	<50	*	*	*	*	*	*	*	*	*	*	*	*	
	9/3/98	15	16	1100	3800	7.1	*	*	*	*	*	*	*	*	*	*	*	*	
	12/29/98	<0.5	13	790	2600	25	*	*	*	*	*	*	*	*	*	*	*	*	
	9/12/00	< 5.0	10	680	2140	< 5.0	< 5.0	< 5.0	690	270	0.1	0.1	2.0	2.0	300	0.5	*	0.4	7.45
	4/30/01	< 5.0	13	930	2720	< 5.0	< 5.0	< 5.0	960	280	*	0.3	2.0	1.0	500	2.0	*	1.0	7.33
																		1734	
																		23.2	
																		860	
																		17.2	

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS								INORGANICS						INDICATORS			
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY	TEMP
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C	
		10	750	750	620	100	0.1	10	30	SOLUBLE	TOTAL	FIELD	METER						
MW - 12	9/29/92	nd	nd	nd	nd	*	*	*	*	*	*	*	*	*	*	*	*	*	
	5/25/93	<b>710</b>	2.1	200	1.6	<2.5	*	*	*	*	*	*	*	*	0.40	*	*	*	
	8/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.25	*	*	*	
	11/15/93	<5.0	<5.0	82	110	<25.0	*	*	*	*	*	*	*	*	0.05	*	*	*	
	5/5/94	<b>470</b>	1.1	110	12	<1.0	*	*	*	*	*	*	*	*	*	*	*	*	
	8/26/94	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	12/8/94	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	3/30/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	6/20/95	<0.5	<0.5	<0.5	<0.5	*	*	*	*	*	*	*	*	*	*	*	*	*	
	9/20/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	12/19/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	4/17/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	6/28/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	9/3/98	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	12/29/98	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	
	9/12/00	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	0.3	0.3	2.0	0.0	250	0.5	*	1.0	7.31
	4/30/01	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	*	0.8	2.0	10.0	200	2.0	*	1.0	6.95
																		250	
																		23.9	
																		18.7	

**TABLE 2**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY # 3245001**  
**HISTORY OF GROUND WATER TESTING**

LOCATION	DATE SAMPLED	ORGANICS							INORGANICS					INDICATORS							
		BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLEMES	MTBE	EDB	EDC	TMB	NAPHTHALENE	IRON	PHOSPHATE	SULFIDE	ALKALINITY as CaCO <sub>3</sub>	DISS O <sub>2</sub>	NITRATE	pH	CONDUCTIVITY	TEMP		
UNITS STANDARDS		µg/l	µg/l	µg/l	µg/l	µg/l	ug/l	µg/l	µg/l	µg/l	µg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µmhos/cm	°C			
		10	750	750	620	100	0.1	10		30	SOLUBLE	TOTAL	FIELD	METER							
<b>MW-13</b>	2/23/93	<25	220	520	<b>2100</b>	<120	*	*	*	*	*	*	*	*	0.50	*	*	*			
	3/10/93	<12	170	470	<b>1600</b>	<62	*	*	*	*	*	*	*	*	*	*	*	*			
	5/25/93	<5	36	460	<b>1600</b>	84	*	*	*	*	*	*	*	*	0.20	*	*	*			
	8/25/93	<1.0	1	210	390	<5.0	*	*	*	*	*	*	*	*	0.08	*	*	*			
	11/15/93	<0.5	0.7	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	0.20	*	*	*			
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*			
	8/26/94	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*			
	12/8/94	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*			
	3/30/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*			
	12/19/95	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*			
	4/17/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*			
	6/28/96	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*			
<b>FTW-13</b>	4/30/01	< 1.0	2.0	58	77.6	< 1.0	< 1.0	< 1.0	138	13	*	1.0	2.0	10.0	350	2.0	*	1.0	7.06	1239	18.7
<b>FTW-14</b>	4/30/01	< 1.0	< 1.0	38	18.0	< 1.0	< 1.0	< 1.0	11.7	2.3	*	2.0	5.0	0.0	495	2.0	*	1.5	6.47	1787	17.8
<b>FTW-15</b>	4/30/01	< 1.0	8.5	68	207.6	< 1.0	< 1.0	< 1.0	106	28	*	1.0	5.0	8.0	400	2.0	*	1.0	7.06	1049	17.0
<b>FTW-16</b>	4/30/01	< 1.0	7.1	230	<b>1405</b>	< 1.0	< 1.0	< 1.0	430	<b>190</b>	*	1.0	3.0	8.0	500	3.0	*	1.0	7.15	1684	18.7
<b>MR. LUNA'S WELL</b>	5/25/93	<0.5	<0.5	<0.5	<0.5	<2.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	5/5/94	<0.5	<0.5	<0.5	<0.5	<1.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

nd - Not Detected

\* - Not Sampled/Not Tested  
**Bold** - Above Action Limits

Data checked \_\_\_\_\_ / \_\_\_\_\_

**TABLE 3**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED Facility # 3245001/27427**  
 Historic Ground Water Elevations

WELL NUMBER	WELL ELEVATION * (feet above datum prior to survey)	DATE	STATIC (feet below ground)	WATER LEVEL ELEVATION (feet above datum prior to survey)	(+) = RISING (-) = FALLING
MW-1	98.82	12/18/90	8.13	90.69	
		5/30/91	7.88	90.94	0.25
		4/29/92	7.78	91.04	0.10
		5/25/93	7.91	90.91	-0.13
		8/25/93	8.40	90.42	-0.49
		11/15/93	7.91	90.91	0.49
		3/2/94	8.40	90.42	-0.49
		5/5/94	8.15	90.67	0.25
		8/26/94	8.18	90.64	-0.03
		12/8/94	7.96	90.86	0.22
		3/30/95	8.18	90.64	-0.22
		6/20/95	8.22	90.60	-0.04
		9/20/95	8.08	90.74	0.14
		12/19/95	7.99	90.83	0.09
		4/16/96	8.00	90.82	-0.01
		6/28/96	8.40	90.42	-0.40
		9/12/00	8.28	90.54	0.12
	4933.86	4/30/01	7.96	4925.90	0.32
MW-2	99.87	12/18/90	9.31	90.56	
		5/30/91	8.97	90.90	0.34
		4/29/92	8.86	91.01	0.11
		5/25/93	9.04	90.83	-0.18
		8/25/93	9.49	90.38	-0.45
		11/15/93	9.05	90.82	0.44
		3/2/94	9.52	90.35	-0.47
		5/5/94	9.04	90.83	0.48
		8/26/94	9.26	90.61	-0.22
		12/8/94	9.10	90.77	0.16
		3/30/95	9.26	90.61	-0.16
		6/20/95	9.26	90.61	0.00
		9/20/95	9.14	90.73	0.12
		12/19/95	9.12	90.75	0.02
		4/16/96	9.08	90.79	0.04
		6/28/96	9.48	90.39	-0.40
		9/12/00	9.23	90.64	0.25
	4934.89	4/30/01	8.92	4925.97	0.31

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 Historic Ground Water Elevations

WELL NUMBER	WELL ELEVATION * (feet above datum prior to survey)	DATE	STATIC (feet below ground)	WATER LEVEL ELEVATION (feet above datum prior to survey)	(+) = RISING (-) = FALLING
MW-3	99.05	12/18/90	8.47	90.58	
		5/30/91	8.18	90.87	0.29
		4/29/92	8.09	90.96	0.09
		5/25/93	8.23	90.82	-0.14
		8/25/93	8.72	90.33	-0.49
		11/15/93	8.22	90.83	0.50
		3/2/94	8.70	90.35	-0.48
		5/5/94	8.38	90.67	0.32
		8/26/94	8.48	90.57	-0.10
		12/8/94	8.28	90.77	0.20
		3/30/95	8.46	90.59	-0.18
		6/20/95	8.64	90.41	-0.18
		9/20/95	8.38	90.67	0.26
		12/19/95	8.30	90.75	0.08
		4/17/96	8.28	90.77	0.02
		6/28/96	8.72	90.33	-0.44
		9/12/00	8.54	90.51	0.18
	4934.07	4/30/01	8.23	4925.84	0.31
MW-4	99.24	12/18/90	8.61	90.63	
		5/30/91	8.33	90.91	0.28
		4/29/92	8.21	91.03	0.12
		2/8/93	8.41	90.83	-0.20
		2/23/93	8.64	90.60	-0.23
		3/10/93	8.53	90.71	0.11
		5/25/93	8.33	90.91	0.20
		8/25/93	9.43	89.81	-1.10
		11/15/93	8.34	90.90	1.09
		3/2/94	8.82	90.42	-0.48
		5/5/94	8.54	90.70	0.28
		8/26/94	8.56	90.68	-0.02
		12/8/94	8.38	90.86	0.18
		3/30/95	8.58	90.66	-0.20
		6/20/95	8.86	90.38	-0.28
		9/20/95	8.46	90.78	0.40
		12/19/95	8.42	90.82	0.04
		4/17/96	8.39	90.85	0.03
		6/28/96	8.82	90.42	-0.43
		9/12/00	8.80	90.44	0.02
	4934.39	4/30/01	8.49	4925.90	0.31

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**00-01-1187-05 • NMED Facility # 3245001/27427**  
 Historic Ground Water Elevations

WELL NUMBER	WELL ELEVATION * (feet above datum prior to survey)	DATE	STATIC (feet below ground)	WATER LEVEL ELEVATION (feet above datum prior to survey)	(+) = RISING (-) = FALLING
MW-5	97.43	4/29/92	6.54	90.89	
		5/25/93	6.68	90.75	-0.14
		8/25/93	7.15	90.28	-0.47
		11/15/93	6.72	90.71	0.43
		3/2/94	7.20	90.23	-0.48
		5/5/94	6.76	90.67	0.44
		8/26/94	6.98	90.45	-0.22
		12/8/94	6.96	90.47	0.02
		3/30/95	6.76	90.67	0.20
		6/20/95	7.02	90.41	-0.26
		9/20/95	6.88	90.55	0.14
		12/19/95	6.82	90.61	0.06
		4/17/96	6.76	90.67	0.06
		6/28/96	7.18	90.25	-0.42
		9/12/00	7.03	90.40	0.15
	4932.49	4/30/01	6.72	4925.77	0.31
MW-6	99.37	12/18/90	8.76	90.61	
		5/30/91	8.44	90.93	0.32
		4/29/92	8.32	91.05	0.12
		1/25/93	8.76	90.61	-0.44
		2/8/93	8.74	90.63	0.02
		2/23/93	8.78	90.59	-0.04
		3/10/93	8.66	90.71	0.12
		5/25/93	8.48	90.89	0.18
		11/15/93	8.50	90.87	-0.02
		3/2/94	8.98	90.39	-0.48
		5/5/94	8.56	90.81	0.42
		8/26/94	8.72	90.65	-0.16
		12/8/94	8.54	90.83	0.18
		3/30/95	8.74	90.63	-0.20
		6/20/95	8.82	90.55	-0.08
		9/20/95	8.60	90.77	0.22
		12/19/95	8.56	90.81	0.04
		4/17/96	8.54	90.83	0.02
		6/28/96	8.96	90.41	-0.42
	¥	9/12/00	-	-	-

**TABLE 3**  
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**00-01-1187-05 • NMED Facility # 3245001/27427**  
 Historic Ground Water Elevations

WELL NUMBER	WELL ELEVATION * (feet above datum prior to survey)	DATE	STATIC (feet below ground)	WATER LEVEL ELEVATION (feet above datum prior to survey)	(+) = RISING (-) = FALLING
MW-7	99.15	4/29/92	8.63	90.52	
		1/25/93	8.56	90.59	0.07
		2/8/93	8.21	90.94	0.35
		2/23/93	8.58	90.57	-0.37
		3/10/93	8.48	90.67	0.10
		5/25/93	8.28	90.87	0.20
		8/25/93	9.33	89.82	-1.05
		11/15/93	8.28	90.87	1.05
		3/2/94	8.78	90.37	-0.50
		5/5/94	8.52	90.63	0.26
		8/26/94	8.50	90.65	0.02
		12/8/94	8.32	90.83	0.18
		3/30/95	8.50	90.65	-0.18
		6/20/95	8.90	90.25	-0.40
		9/20/95	8.42	90.73	0.48
		12/19/95	8.36	90.79	0.06
		4/17/96	8.34	90.81	0.02
		6/28/96	8.78	90.37	-0.44
	¥	9/12/00	-	-	-
MW-8	99.01	12/18/90	8.49	90.52	
		5/30/91	8.18	90.83	0.31
		4/29/92	8.07	90.94	0.11
		5/25/93	8.24	90.77	-0.17
		8/25/93	8.68	90.33	-0.44
		5/5/94	8.24	90.77	0.44
		6/20/95	8.48	90.53	-0.24
		9/20/95	8.36	90.65	0.12
		12/19/95	8.34	90.67	0.02
		4/16/96	8.32	90.69	0.02
		6/28/96	8.70	90.31	-0.38
		9/12/00	8.50	90.51	0.20
	4934.05	4/30/01	8.23	4925.82	0.27

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**00-01-1187-05 • NMED Facility # 3245001/27427**  
 Historic Ground Water Elevations

WELL NUMBER	WELL ELEVATION * (feet above datum prior to survey)	DATE	STATIC (feet below ground)	WATER LEVEL ELEVATION (feet above datum prior to survey)	(+) = RISING (-) = FALLING
MW-9	99.11	2/8/93	8.51	90.60	
		2/23/93	8.58	90.53	-0.07
		3/10/93	8.46	90.65	0.12
		5/25/93	8.28	90.83	0.18
		8/25/93	8.80	90.31	-0.52
		11/15/93	8.30	90.81	0.50
		3/2/94	8.78	90.33	-0.48
		5/5/94	8.38	90.73	0.40
		8/26/94	8.50	90.61	-0.12
		12/8/94	8.34	90.77	0.16
		3/30/95	8.50	90.61	-0.16
		6/20/95	8.68	90.43	-0.18
		9/20/95	8.40	90.71	0.28
		12/19/95	8.35	90.76	0.05
		4/17/96	8.34	90.77	0.01
		6/28/96	8.74	90.37	-0.40
		9/12/00	8.53	90.58	0.21
	4934.15	4/30/01	8.26	4925.89	0.27
MW-10	99.28	4/29/92	8.31	90.97	
		5/25/93	8.45	90.83	-0.14
		8/25/93	8.98	90.30	-0.53
		11/15/93	8.47	90.81	0.51
		3/2/94	8.94	90.34	-0.47
		5/5/94	8.62	90.66	0.32
		8/26/94	8.70	90.58	-0.08
		12/8/94	8.52	90.76	0.18
		3/30/95	8.70	90.58	-0.18
		6/20/95	8.86	90.42	-0.16
		9/20/95	8.60	90.68	0.26
		12/19/95	8.56	90.72	0.04
		4/17/96	8.55	90.73	0.01
		6/28/96	8.96	90.32	-0.41
		9/12/00	8.76	90.52	0.20
	4934.29	4/30/01	8.45	4925.84	0.31

**TABLE 3**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED Facility # 3245001/27427**  
 Historic Ground Water Elevations

WELL NUMBER	WELL ELEVATION * (feet above datum prior to survey)	DATE	STATIC (feet below ground)	WATER LEVEL ELEVATION (feet above datum prior to survey)	(+) = RISING (-) = FALLING
MW-11	98.83	8/25/93	8.49	90.34	
		11/15/93	7.49	91.34	1.00
		3/2/94	8.48	90.35	-0.99
		5/5/94	8.38	90.45	0.10
		8/26/94	8.24	90.59	0.14
		12/8/94	8.04	90.79	0.20
		3/30/95	8.23	90.60	-0.19
		6/20/95	8.44	90.39	-0.21
		9/20/95	8.14	90.69	0.30
		12/19/95	8.08	90.75	0.06
		4/17/96	8.08	90.75	0.00
		6/28/96	8.46	90.37	-0.38
		9/12/00	8.33	90.50	0.13
		4/30/01	8.00	4925.85	0.33
MW-12	98.13	4/29/92	7.23	90.90	
		5/25/93	7.37	90.76	-0.14
		8/25/93	7.84	90.29	-0.47
		11/15/93	7.40	90.73	0.44
		3/2/94	7.86	90.27	-0.46
		5/5/94	7.42	90.71	0.44
		8/26/94	7.60	90.53	-0.18
		12/8/94	7.42	90.71	0.18
		3/30/95	7.64	90.49	-0.22
		6/20/95	7.64	90.49	0.00
		9/20/95	7.52	90.61	0.12
		12/19/95	7.48	90.65	0.04
		4/17/96	7.48	90.65	0.00
		6/28/96	8.46	89.67	-0.98
		9/12/00	7.68	90.45	0.78
		4/30/01	7.41	4925.75	0.27

**TABLE 3**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED Facility # 3245001/27427**  
 Historic Ground Water Elevations

WELL NUMBER	WELL ELEVATION * (feet above datum prior to survey)	DATE	STATIC (feet below ground)	WATER LEVEL ELEVATION (feet above datum prior to survey)	(+) = RISING (-) = FALLING
MW-13	98.95	2/23/93	8.36	90.59	
		3/10/93	8.27	90.68	0.09
		5/25/93	8.08	90.87	0.19
		8/25/93	8.92	90.03	-0.84
		11/15/93	8.04	90.91	0.88
		3/2/94	8.56	90.39	-0.52
		5/5/94	8.28	90.67	0.28
		8/26/94	8.30	90.65	-0.02
		12/8/94	8.12	90.83	0.18
		3/30/95	8.30	90.65	-0.18
		6/20/95	8.96	89.99	-0.66
		9/20/95	8.18	90.77	0.78
		12/19/95	12.78	86.17	-4.60
		4/17/96	8.12	90.83	4.66
		6/28/96	8.55	90.40	-0.43
		9/12/00	-	-	-
FTW-13	4933.43	4/30/01	7.55	4925.88	
FTW-14	4933.65	4/30/01	7.76	4925.89	
FTW-15	4933.35	4/30/01	7.52	4925.83	
FTW-16	4933.58	4/30/01	7.74	4925.84	

\* - New Survey Data as of 4/30/01

¥ - Well not identified or located during hydrogeologic investigation, assumed destroyed.

Data checked \_\_\_\_\_ / \_\_\_\_\_

**TABLE 4**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY #3245001/27427**  
**SUMMARY OF TASKS PERFORMED IN THE FIELD**

DATE	TIME	PRESSURE (psi)	VACUUM (in H <sub>2</sub> O)	WATER IN KO POT (gals)	FID READING (ppm)	FIELD TECH.	DESCRIPTION
01/04/96	13:10	7.5	72	2	1.5	LS, KGF	Standard site visit
01/16/96	11:10	7.5	72	0.25	1.5	LS, KGF	Standard site visit
01/29/96	13:15	7.5	70	0.5	0.5	LS, KGF	Standard site visit
02/22/96	16:11	N/A	N/A	0	N/A	LS, KGF	System down, not running. Restart - will return to check on system
02/23/96	14:22	0	72	N/A	0	KGF	Blower Manifold separated at Silencer. Removed silencer for repair. System will be shut down during repair
02/28/96	15:15	N/A	N/A	N/A	N/A	KGF	Installed fixed silencer. Difficulties in lining up sparge line
02/29/96	15:30	N/A	N/A	N/A	N/A	KGF	Return with more parts and extra tools to complete silencer install.
03/05/96	15:10	7.5	70	0	1.0	KGF	Standard site visit
03/18/96	16:05	N/A	N/A	N/A	N/A	KGF	Tighten mount bolts on vacant blower mount to prevent load noise Reprogram timer after system shut down.
03/21/96	15:15	N/A	N/A	N/A	N/A	KGF	Standard site visit, check on programming setup
03/27/96	14:30	7.5	70	0	1.0	KGF	Standard site visit, check on programming setup
04/16/96	13:30	7.5	70	0	1.0	KGF	Quarterly sampling and system check
04/17/96	10:00	7.5	70	0	1.0	KGF	Quarterly sampling and system check
04/24/96	-	N/A	N/A	N/A	N/A	SEF	Visit site after fire in office building, no noticeable damage to equipment
05/17/96	13:15	7.5	70.0	0	*	KGF	Standard site visit
05/30/96	10:10	7.5	70	0	1.0	KGF	Standard site visit
06/14/96	10:40	7.5	70	0	1.0	KGF	Standard site visit
06/28/96	16:15	7.5	70	0	1.5	KGF	Quarterly sampling and system check - System shutdown

**TABLE 4**  
**Climate Roofing 2700 Isleta**  
**00-01-1187-05 • NMED FACILITY #3245001/27427**  
**SUMMARY OF TASKS PERFORMED IN THE FIELD**

DATE	TIME	PRESSURE (psi)	VACUUM (in H <sub>2</sub> O)	WATER IN KO POT (gals)	FID READING (ppm)	FIELD TECH.	DESCRIPTION
Feb-97	-	-	-	-	-	SEF, KGF, BW	Remove remediation equipment and equipment shed from site
09/12/00	-	N/A	N/A	N/A	N/A	KGF, MB	New project, Initial quarterly sampling event, site inspection
12/(4-5)/00	-	N/A	N/A	N/A	N/A	BB, TC	Drilling on site(Tecumseh)
12/08/00	-	N/A	N/A	N/A	N/A	BB, TC	Drilling on site(Tecumseh)
01/30/01	-	N/A	N/A	N/A	N/A	MB, TC	Developing and sampling new wells, sampled (pre-existing) MW-11 as well.
04/30/01	-	N/A	N/A	N/A	N/A	MB, KL	2nd Quarterly sampling event, including new wells.

\* - FID Unavailable for measurement reading

Data checked \_\_\_\_\_ / \_\_\_\_\_

## **APPENDIX 1**

### **Sampling Protocol**

Prior to any sampling, well development or purging, all monitor wells were sounded for depth to ground water. FEI used an electronic sounder with an accuracy of  $\pm 0.01$ /foot. Ground water elevations (from datum) were determined using survey data collected during the Hydrogeologic Investigation.

Prior to any sampling event, a minimum of three (3) well bore volumes were purged from each well using a Grundfos Sampling Pump. Samples were collected in HCl preserved VOAs and placed on ice in a container for delivery to Pinnacle Laboratories, in Albuquerque, New Mexico, for analyses. The ground water samples were analyzed for Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX), Naphthalene, Methyl-t-Butyl Ether (MTBE), TMB, Ethylene Dibromide (EDB) and Ethylene Dichloride (EDC) by EPA Method 8260 with an expanded Naphthalene range (PBMS). Natural attenuation indicator parameters Iron, Phosphate, Sulfide, Alkalinity, pH, dissolved oxygen, conductivity, temperature and nitrate were analyzed and measured in the field using the appropriate field test kits and equipment. All EPA-approved sampling protocols were observed and a chain of custody was maintained on all samples.

In an effort to more realistically characterize the analytical data generated from the quarterly sampling, FEI has adopted a reporting standard of multi-component compounds like total xylenes. Detection limit values in a multi-component compound that are reported as below detection limits and are less than 10 percent of the lowest detectable value will not be added-in as part of the total concentration value reported. Detection limit values greater than 10 percent of the lowest detectable value will be added-in as part of the total concentration value reported. This will eliminate confusion regarding the "less-than" symbols where concentrations have been detected.

## **APPENDIX 2**

### **Field Notes**

## **APPENDIX 3**

### **Analytical Laboratory Reports**